



Electronic Filing System (EFS) Data

Electronic Patent Application Submission

USPTO Use Only

EFS ID: 41316

Application ID: 09840936



Title of Invention:
IN SITU THERMAL PROCESSING
OF A HYDROCARBON
CONTAINING FORMATION TO
PRODUCE A MIXTURE WITH
OXYGENATED HYDROCARBONS

First Named Inventor: Etuan Zhang

Domestic/Foreign Application: Domestic Application

Filing Date: 2001-04-24

Effective Receipt Date: 2003-06-02

Submission Type: Information Disclosure
Statement

Filing Type:

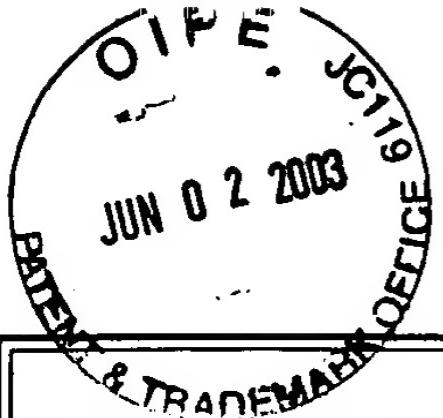
Confirmation number: 5994

Attorney Docket Number: 5659-03300

Total Fees Authorized:

Digital Certificate Holder: cn=Eric B. Meyertons,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: f4b7cfe7dfe1e70a1ca9858c9efbff7fe6f3a4e0

RECEIVED
JUN 09 2003
TC 1700



TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING
FORMATION TO PRODUCE A MIXTURE WITH OXYGENATED
HYDROCARBONS

Application Number: 09/840936

Date: 2001-04-24

First Named Applicant: Etuan Zhang

Confirmation Number: 5994

Attorney Docket Number: 5659-03300

RECEIVED
JUN 09 2003
TC 1700

I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Submitted by:	Elec. Sign.	Sign. Capacity
Eric B. Meyertons Registered Number: 34,786	Eric B. Meyertons	Attorney

Documents being submitted

us-ids

Files

R1-R14-usidst.xml

us-ids.dtd

us-ids.xsl

Comments



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE WITH OXYGENATED HYDROCARBONS
--------------------	--

Application Number: 09/840936

Confirmation Number: 5994

First Named Applicant: Etuan Zhang

Attorney Docket Number: 5659-03300

Art Unit: 3673

Examiner: Unknown Unknown

Search string: (3986556 or 4031956 or 4140180 or 4412585 or 4501326 or 4524827 or 4585066 or 4776638 or 4856587 or 5517593 or 5099918 or 5751895 or 6015015 or 6112808).pn.

RECEIVED
JUN 09 2003
TC 1700

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3986556	1976-10-19	Haynes			
	2	4031956	1977-06-28	Terry			
	3	4140180	1979-02-20	Bridges et al.			
	4	4412585	1983-11-01	Bouck			
	5	4501326	1985-02-26	Edmunds			
	6	4524827	1985-06-25	Bridges et al.			
	7	4585066	1986-04-29	Moore et al.			
	8	4776638	1988-10-11	Hahn			
	9	4856587	1989-08-15	Nielson			
	10	5517593	1996-05-14	Nenniger et al.			
	11	5099918	1992-03-31	Bridges et al.			
	12	5751895	1998-05-12	Bridges			
	13	6015015	2000-01-18	Luft et al.			
	14	6112808	2000-09-05	Isted			

Signature

Examiner Name	Date